

Message Text

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UNCLAS MEXICO 04567

FOR WELCH, BED/OIM

E.O. 11652:N/A
TAGS: BEXP,MX
SUBJECT: TELECOMMUNICATIONS EQUIPMENT SEMINAR MISSION

REF: 1. USDOC 755, 2. SAN JOSE 516

1. HAVE DISCUSSED POSSIBLE TOPICS FOR PROPOSED JULY 26-29
TELECOMMUNICATIONS TRADE MISSION/SEMINAR WITH MAJOR
COMMUNICATIONS EQUIPMENT END-USERS AND HAVE FOUND MARKET
INTEREST IN FOLLOWING AREAS:

- A. TELEPHONE COMMUNICATIONS: TECHNOLOGY SELECTION IN
SWITCHING-CROSSBAR VS SEMIELECTRONIC VS DIGITAL.
 - B. STATE OF ART IN LOCAL AND TOLL TRANSMISSION TECHNOLOGY.
 - C. PERSPECTIVES FOR FIBER OPTICS IN TRANSMISSION.
 - D. MEASUREMENT SYSTEMS FOR TRAFFIC CONTROL AND BILLING
 - E. NETWORK MGMT. SYSTEMS.
 - F. REVENUE FORECASTS BY MARKET SEGMENTATION.
 - G. RURAL TELEPHONE SERVICE FOR LOW INCOME AREAS-INEXPENSIVE
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SYSTEMS.
H. LOW INCOME URBAN DEVELOPMENT SERVICES.
I. RESEARCH & DEV. STRATEGIES FOR MID-SIZE TELEPHONE
UTILITIES.

2. COMMENTS: TELEFONOS DE MEXICO WITH 4.0 MILLION INSTALLED
TELEPHONES IS SIMILAR IN SIZE AND PROBLEMS TO CONTINENTAL

TELEPHONE OF U.S. WHICH SERVES THE WESTERN RURAL AREA.

3. THEMES MENTIONED OUTSIDE TELEFONOS DE MEXICO WERE:

- A. MICROPROCESSOR APPLICATIONS FOR TELEPHONE COMMUNICATIONS.
- B. USES OF PULSE CODE MODULATION (PCM) IN TELEPHONE COMMUNICATIONS.
- C. CONCEPTS OF ELECTRONIC PABX.
- D. TELEPHONE BUSINESS SYSTEMS

4. MICROWAVE:

- A. NEW MEASUREMENT AND MAINTENANCE EQUIPMENT FOR MICRO-WAVE OPERATIONS.
- B. VERIFICATION TECHNIQUES FOR MEASUREMENT EQUIPMENT.
- C. TECHNIQUES USED IN U.S. TO SIMPLIFY OPERATIONS.
- D. MICROWAVE SYSTEMS APPLIED TO GAS PIPELINE OPERATIONS (PEMEX)

5. DATA COMMUNICATIONS:

- A. DATA COMMUNICATIONS USING THE INSTALLED TELEPHONE NETWORK.
- B. DATA COMMUNICATIONS FOR MID-SIZE NON-BANK FIRMS
- C. ADVANCES IN DATA COMMUNICATIONS FOR BANK OPERATIONS.
- D. ANALOG TO DIGITAL AND DIGITAL TO ANALOG CONVERSION.

6. SATELLITE COMMUNICATIONS:

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- A. CRITERIA USED IN DETERMINING THE PROPER TIME FOR A COUNTRY TO ACQUIRE ITS OWN SATELLITE.
- B. RATIONAL USE OF THE AVAILABLE ORBIT AND CONCEPTS OF REGULATING UTILIZATION (ALSO INCLUDING PHYSICAL ORBIT)
- C. PROS AND CONS IN GIVING SATELLITE CONCESSIONS TO PRIVATE ENTERPRISE VS MAINTAINING AND DEVELOPING SAME EXCLUSIVELY IN THE GOVT.
- D. RESULTS IN U.S. AND OTHER COUNTRIES IN DOMESTIC COMMUNICATIONS USING SATELLITES AND EXPECTATIONS FOR SAME IN NEXT 20-30 YEARS.

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